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PATENT  
Atty. Dkt. AMAT/8241/CMP/ECP/RKK

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Sun, et al.

Serial No.: 10/616,097

Confirmation No.: 1645

Filed: July 8, 2003

For: Multiple-Step  
Electrodeposition Process  
for Direct Copper Plating  
on Barrier Metals

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Group Art Unit: 1753

Examiner: Unknown

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING	
37 CFR 1.8	
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7/7/04	
Date	Signature

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

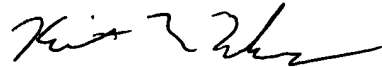
While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

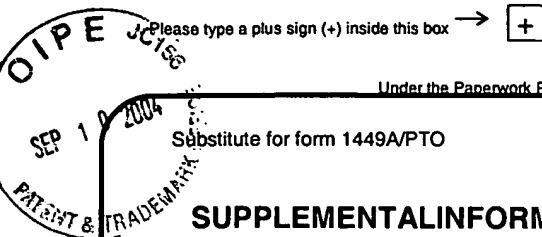
If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/8241/KMT.

Respectfully submitted,



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# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

1

Application Number

10/616,097

Filing Date

JULY 8, 2003

First Named Inventor

SUN, et al.

Group Art Unit

1753

Examiner Name

UNKNOWN

Attorney Docket Number

AMAT/8241/CMP/ECP/RKK

Submission Date

September 7, 2004

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-6638410 B2	10/28/2003	Chen, et al.	
	A2	US-6632345 B1	10/14/2003	Chen	
	A3	US-6551483 B1	04/22/2003	Mayer, et al.	
	A4	US-6517894 B1	02/11/2003	Hongo, et al.	
	A5	US-6432821 B1	08/13/2002	Dubin, et al.	
	A6	US-6344125 B1	02/05/2002	Locke, et al.	
	A7	US-6309969 B1	10/30/2001	Oskam, et al.	
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
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	A16	US-			
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1					
	B2					
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	B4					
	B5					

Examiner

Date Considered

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